

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_061/062  
**Date:** March 1, 2015  
**Blast Time:** 11:37  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 1010 m  
 Boundary Layer Height: 950 m  
 Cloud Cover: 50% Partially cloudy  
 Wind Speed: 12 km/hr  
 Wind Direction: SW  
 Temperature: -7.5 °C

### Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

#### **Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	49.7 L <sub>Aeq</sub>	103.0 dB
Edwards:	52.5 L <sub>Aeq</sub>	100.1 dB
Fred:	44.6 L <sub>Aeq</sub>	112.0 dB
Hollinger Office:	70.8 L <sub>Aeq</sub>	111.6 dB
Noah:	55.8 L <sub>Aeq</sub>	109.3 dB
Sandy:	53.0 L <sub>Aeq</sub>	102.4 dB
Water Tower:	54.9 L <sub>Aeq</sub>	111.9 dB
Wilson:	52.9 L <sub>Aeq</sub>	110.2 dB

### Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	11.7	12.4	20.9	22.2
Edwards:	5.7	8.7	18.1	29.2
Hollinger Office:	11.2	13.8	21.8	32.0
Hollinger Park:	8.6	10.1	18.1	25.7
Sandy:	4.0	5.6	17.8	23.0

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### NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	0.7	0.9
Edwards:	4.6	8.2
Hollinger Office:	4.3	6.6
Hollinger Park:	2.9	3.2
Sandy:	3.0	4.4

### Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.5
Edwards Temp:	0.3	0.2	0.3
Hollinger Office:	0.1	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.3	0.5	0.4
Sandy:	2.1	1.3	2.2
Water Tower:	0.1	0.1	0.2
Wilson:	0.8	0.9	0.8